ELSEVIER

Mechanisms of Development 84 (1999) 205–206

Author index

Volume 84 (1999)

Ahrens, M., see Bächner, D., 121
Albrecht, K.H., see Capel, B., 127
Audigier, Y., see Devic, E., 199

Bächner, D., Ahrens, M., Betat, N., Schröder, D., Gross, G., Developmental expression analysis of murine autotaxin (ATX), 121
Ballabio, A., see Bulfone, A., 133
Basile, A., see Bulfone, A., 133
Beckers, J., Clark, A., Wünsch, K., Hrabé De Angelis, M., Gossler, A., Expression of the mouse Delta1 gene during organogenesis and fetal development, 165
Belaoussoff, M., see Dohrmann, C.E., 147
Bell, E., Lumsden, A., Graham, A., Expression of GATA-2 in the developing avian rhombencephalon, 173
Bernier, G., see Jean, D., 31
Betat, N., see Bächner, D., 121
Bienz, M., see Yu, X., 69
Bodin, S., see Devic, E., 199
Bonnin, M.-A., see Grapin-Botton, A., 41
Bubunenko, M., see MacArthur, H., 75
Bulfone, A., Martinez, S., Marigo, V., Campanella, M., Basile, A., Quaderi, N., Gattuso, C., Rubenstein, J.L.R., Ballabio, A., Expression pattern of the *Tbr2* (Eomesodermin) gene during mouse and chick brain development, 133

Cambronero, F., see Grapin-Botton, A., 41
Campanella, M., see Bulfone, A., 133
Capel, B., Albrecht, K.H., Washburn, L.L., Eicher, E.M., Migration of mesonephric cells into the mammalian gonad depends on *Sry*, 127
Chan, B.W.H., see Shum, A.S.W., 17
Chen, F., Liu, K.C., Epstein, J.A., *Lbx2*, a novel murine homeobox gene related to the *Drosophila ladybird* genes is expressed in the developing urogenital system, eye and brain, 181
Chuang, J.C., Mathers, P.H., Raymond, P.A., Expression of three *Rx* homeobox genes in embryonic and adult zebrafish, 195
Clark, A., see Beckers, J., 165
Copp, A.J., see Shum, A.S.W., 17
Corvol, P., see Kempf, H., 177

Danielian, P.S., see So, P.L., 157
Delabar, J.-M., see Lopes, C., 189
Devic, E., Rizzoti, K., Bodin, S., Knibiehler, B., Audigier, Y., Amino acid sequence and embryonic expression of *msr/apj*, the mouse homolog of *Xenopus X-msr* and human *APJ*, 199
Dohrmann, C.E., Belaoussoff, M., Raftery, L.A., Dynamic expression of TSC-22 at sites of epithelial-mesenchymal interactions during mouse development, 147
Dräger, U.C., see Yamamoto, M., 143

Eicher, E.M., see Capel, B., 127
Epstein, J.A., see Chen, F., 181

Fujinuma, M., see Yamamoto, M., 143
Furrer, M.-P., see Perron, M., 139

Gasc, J.-M., see Kempf, H., 177
Gassanova, S., see Lopes, C., 189
Gattuso, C., see Bulfone, A., 133
Gossler, A., see Beckers, J., 165
Gossler, A., see Morrison, A., 169
Graham, A., see Bell, E., 173
Grapin-Botton, A., Cambronero, F., Weiner, H.L., Bonnin, M.-A., Puelles, L., Le Douarin, N.M., Patterning signals acting in the spinal cord override the organizing activity of the isthmus, 41
Gremmels, D., see Ralle, T., 89
Gross, G., see Bächner, D., 121
Gruss, P., see Jean, D., 31

Herrmann, B.G., see Wertz, K., 185
Hodgetts, C., see Morrison, A., 169
Houston, D.W., see MacArthur, H., 75
Hrabé De Angelis, M., see Beckers, J., 165
Hrabé de Angelis, M., see Morrison, A., 169
Hynd, P.I., see Nancarrow, M.J., 161

Jean, D., Bernier, G., Gruss, P., *Six6* (*Optx2*) is a novel murine *Six3*-related homeobox gene that demarcates the presumptive pituitary/hypothalamic axis and the ventral optic stalk, 31

Küry, P., see Mihailescu, D., 55
Kamachi, Y., see Uchikawa, M., 103
Kempf, H., Corvol, P., Gasc, J.-M., Expression of the chicken angiotensin II receptor: atypical pattern compared to its mammalian homologues, 177
King, M.L., see MacArthur, H., 75
Knibiehler, B., see Devic, E., 199
Kobayashi, S., Satomura, K., Levsky, J.M., Sreenath, T., Wistow, G.J., Semba, I., Shum, L., Slavkin, H.C., Kulkarni, A.B., Expression pattern of macrophage migration inhibitory factor during embryogenesis, 153
Koide, T., see Shum, A.S.W., 17
Kondoh, H., see Uchikawa, M., 103
Kulkarni, A.B., see Kobayashi, S., 153

Le Douarin, N.M., see Grapin-Botton, A., 41
Leung, Y.-C.G., see Shum, A.S.W., 17
Levsky, J.M., see Kobayashi, S., 153
Lewis, J., see Morrison, A., 169
Liu, K.C., see Chen, F., 181
Lopes, C., Rachidi, M., Gassanova, S., Sinet, P.-M., Delabar, J.-M., Developmentally regulated expression of *mtprd*, the murine ortholog of *tprd*, a gene from the Down syndrome chromosomal region 1, 189
Lumsden, A., see Bell, E., 173

0925-4773/99/$ - see front matter © 1999 Elsevier Science Ireland Ltd. All rights reserved.
PII: S0925-4773(99)00110-0

Müller, S., see Pham, A.-D., 3
MacArthur, H., Bubunenko, M., Houston, D.W., King, M.L., Xcat2 RNA is a translationally sequestered germ plasm component in *Xenopus*, 75
Marigo, V., see Bulfone, A., 133
Martinez, S., see Bulfone, A., 133
Mathers, P.H., see Chuang, J.C., 195
McCaffery, P., see Yamamoto, M., 143
Mihailescu, D., Küry, P., Monard, D., An octamer-binding site is crucial for the activity of an enhancer active at the embryonic met-/mesencephalic junction, 55
Monard, D., see Mihailescu, D., 55
Morrison, A., Hodgetts, C., Gossler, A., Hrabé de Angelis, M., Lewis, J., Expression of *Delta1* and *Serrate1 (Jagged1)* in the mouse inner ear, 169

Nancarrow, M.J., Nesci, A., Hynd, P.I., Powell, B.C., Dynamic expression of ornithine decarboxylase in hair growth, 161
Nesci, A., see Nancarrow, M.J., 161

Perron, M., Furrer, M.-P., Wegnez, M., Théodore, L., *Xenopus elav*-like genes are differentially expressed during neurogenesis, 139
Pham, A.-D., Müller, S., Sauer, F., Mesoderm-determining transcription in *Drosophila* is alleviated by mutations in $TAF_{II}60$ and $TAF_{II}110$, 3
Poon, L.L.M., see Shum, A.S.W., 17
Powell, B.C., see Nancarrow, M.J., 161
Puelles, L., see Grapin-Botton, A., 41

Quaderi, N., see Bulfone, A., 133

Rachidi, M., see Lopes, C., 189
Raftery, L.A., see Dohrmann, C.E., 147
Ralle, T., Gremmels, D., Stick, R., Translational control of nuclear lamin B1 mRNA during oogenesis and early development of *Xenopus*, 89
Raymond, P.A., see Chuang, J.C., 195
Rizzoti, K., see Devic, E., 199
Rubenstein, J.L.R., see Bulfone, A., 133

Satomura, K., see Kobayashi, S., 153
Sauer, F., see Pham, A.-D., 3
Schröder, D., see Bächner, D., 121
Semba, I., see Kobayashi, S., 153
Shiroishi, T., see Shum, A.S.W., 17
Shum, A.S.W., Poon, L.L.M., Tang, W.W.T., Koide, T., Chan, B.W.H., Leung, Y.-C.G., Shiroishi, T., Copp, A.J., Retinoic acid induces down-regulation of *Wnt-3a*, apoptosis and diversion of tail bud cells to a neural fate in the mouse embryo, 17
Shum, L., see Kobayashi, S., 153
Sinet, P.-M., see Lopes, C., 189
Slavkin, H.C., see Kobayashi, S., 153
So, P.L., Danielian, P.S., Cloning and expression analysis of a mouse gene related to *Drosophila odd-skipped*, 157
Sreenath, T., see Kobayashi, S., 153
Stick, R., see Ralle, T., 89

Tanaka, M., see Yamamoto, M., 143
Tang, W.W.T., see Shum, A.S.W., 17
Théodore, L., see Perron, M., 139

Uchikawa, M., Kamachi, Y., Kondoh, H., Two distinct subgroups of Group B *Sox* genes for transcriptional activators and repressors: their expression during embryonic organogenesis of the chicken, 103

Wünsch, K., see Beckers, J., 165
Washburn, L.L., see Capel, B., 127
Wegnez, M., see Perron, M., 139
Weiner, H.L., see Grapin-Botton, A., 41
Wertz, K., Herrmann, B.G., Kidney-specific cadherin *(cdh16)* is expressed in embryonic kidney, lung, and sex ducts, 185
Wistow, G.J., see Kobayashi, S., 153

Yamamoto, M., Fujinuma, M., Tanaka, M., Dräger, U.C., McCaffery, P., Sagittal band expression of COUP-TF2 gene in the developing cerebellum, 143
Yu, X., Bienz, M., Ubiquitous expression of a *Drosophila* adenomatous polyposis coli homolog and its localization in cortical actin caps, 69

ELSEVIER

Mechanisms of Development 84 (1999) 207–216

Subject index

Volume 84 (1999)

Adenomatous polyposis coli; Cortical actin caps; Blastoderm embryo; Microtubules; *Drosophila* **84** 69

Adrenal gland; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Central nervous system; Brain; Eye; Retina; Vibrissa **84** 181

Adult brain; *tprd* gene; TPR motif; Down syndrome; Mouse embryogenesis; Nervous system development; Hippocampus; Cerebral cortex; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

Allantois; Angiotensin II receptor; Mesonephros; Heart; Branchial arches; Expression pattern; Embryo; Chicken **84** 177

Angiotensin II receptor; Mesonephros; Allantois; Heart; Branchial arches; Expression pattern; Embryo; Chicken **84** 177

Anterior posterior axis; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Apoptosis; Retinoic acid; *Wnt-3a*; Tail bud; Neural tissue; Mouse embryo **84** 17

Autotaxin; In situ hybridization; Neural crest; Mesoderm differentiation; Osteogenesis; Chondrogenesis; Floor plate; Limb development; Tooth development; Joint formation **84** 121

Blastoderm embryo; Adenomatous polyposis coli; Cortical actin caps; Microtubules; *Drosophila* **84** 69

Brain; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Brain; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Eye; Retina; Vibrissa **84** 181

Branchial arches; Angiotensin II receptor; Mesonephros; Allantois; Heart; Expression pattern; Embryo; Chicken **84** 177

Branchial arches; Mouse embryogenesis; Odd-skipped; Zinc finger; Transcription factor; Pair rule gene; Limb buds; Mesoderm **84** 157

Brn-1; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Brn-2; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Brn-4; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Cartilage; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud **84** 147

cdh-16; ksp-cadherin; Cell adhesion; Epithelium; Kidney; Lung; Wolffian duct; Müllerian duct **84** 185

Cell adhesion; *cdh-16*; ksp-cadherin; Epithelium; Kidney; Lung; Wolffian duct; Müllerian duct **84** 185

Cell migration; Gonadogenesis; Sex determination; *Sry*; Mesonephros **84** 127

Central nervous system; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

0925-4773/99/$ - see front matter © 1999 Elsevier Science Ireland Ltd. All rights reserved.
PII: S0925-4773(99)00111-2

Central nervous system; *Lhx2*; *Lhx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Brain; Eye; Retina; Vibrissa **84** 181

Central nervous system; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Cerebellum; *tprd* gene; TPR motif; Down syndrome; Mouse embryogenesis; Nervous system development; Adult brain; Hippocampus; Cerebral cortex; Olfactory bulb; In situ hybridization **84** 189

Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Cerebellum; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Eye; Limb **84** 133

Cerebral cortex; *tprd* gene; TPR motif; Down syndrome; Mouse embryogenesis; Nervous system development; Adult brain; Hippocampus; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

Cerebral cortex; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebellum; Eye; Limb **84** 133

Chick embryo; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

Chick; GATA-2; Motor neuron; Hindbrain; Rhombomeres; Islet1/2 **84** 173

Chick; Spinal cord; Hindbrain; Hox genes; Homeobox; Transplantation; Isthmus; Induction; *fgf8* **84** 41

Chicken embryo; *Sox* genes; Neurogenesis; Organogenesis **84** 103

Chicken; Angiotensin II receptor; Mesonephros; Allantois; Heart; Branchial arches; Expression pattern; Embryo **84** 177

Chondrogenesis; Autotaxin; In situ hybridization; Neural crest; Mesoderm differentiation; Osteogenesis; Floor plate; Limb development; Tooth development; Joint formation **84** 121

Cochlea; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Macula; Crista; Endolymphatic sac **84** 169

Cone photoreceptors; Paired-class homeobox gene; *Rx*; Eye; Retina; Inner nuclear layer; Germinal zone; Hypothalamus; Development; Zebrafish **84** 195

Cortical actin caps; Adenomatous polyposis coli; Blastoderm embryo; Microtubules; *Drosophila* **84** 69

COUP-TF2; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Crista; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Endolymphatic sac **84** 169

Cytokine; Macrophage migration inhibitory factor; Embryogenesis **84** 153

Deadenylation; Translational control; Polyadenylation; Nuclear lamin; Maternal RNA; *Xenopus* **84** 89

Delta1; Notch signalling; Mouse; *Serrate1*; *Jagged1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Delta1; Notch signalling; Mouse; Development; Expression pattern; LacZ reporter gene **84** 165

Development; Cerebellum; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Development; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Development; Notch signalling; Delta1; Mouse; Expression pattern; LacZ reporter gene **84** 165

Development; Paired-class homeobox gene; *Rx*; Eye; Retina; Cone photoreceptors; Inner nuclear layer; Germinal zone; Hypothalamus; Zebrafish **84** 195

Development; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

Differentiation; *Xenopus laevis*; Germ plasm; Embryogenesis; RNA binding protein; Translational control; RNA localization **84** 75

DIG-labeled probe; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; Patterning; In situ hybridization; Mouse **84** 143

DNA sequence ocular motor nerve; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Dorsal; Mesoderm; Twist; TFIID; TBP-associated-factors; Transcriptional activation **84** 3

Down syndrome; *tprd* gene; TPR motif; Mouse embryogenesis; Nervous system development; Adult brain; Hippocampus; Cerebral cortex; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

Drosophila; Adenomatous polyposis coli; Cortical actin caps; Blastoderm embryo; Microtubules **84** 69

Ectoderm; Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Placode; Outer root sheath; Vibrissa; K14; Histone H3; Proliferation **84** 161

elav; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Electrophoretic mobility shift assay; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization **84** 55

elrB; *elav*; Hu; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

elrC; *elav*; Hu; *elrB*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

elrD; *elav*; Hu; *elrB*; *elrC*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Embryo; Angiotensin II receptor; Mesonephros; Allantois; Heart; Branchial arches; Expression pattern; Chicken **84** 177

Embryo; Cerebellum; Development; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Embryogenesis; *Xenopus laevis*; Germ plasm; RNA binding protein; Translational control; RNA localization; Differentiation **84** 75

Embryogenesis; G protein-coupled receptors; Endothelium; Vertebrate; Mouse **84** 199

Embryogenesis; Macrophage migration inhibitory factor; Cytokine **84** 153

En-2; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Endolymphatic sac; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Crista **84** 169

Endothelium; G protein-coupled receptors; Embryogenesis; Vertebrate; Mouse **84** 199

Enhancer; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Eomesodermin; T-box genes; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

Epithelial-mesenchymal interactions; TSC-22; Mouse embryogenesis; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Epithelium; *cdh-16*; ksp-cadherin; Cell adhesion; Kidney; Lung; Wolffian duct; Müllerian duct **84** 185

Expression pattern; Angiotensin II receptor; Mesonephros; Allantois; Heart; Branchial arches; Embryo; Chicken **84** 177

Expression pattern; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Expression pattern; Notch signalling; Delta1; Mouse; Development; LacZ reporter gene **84** 165

Expression pattern; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

Eye; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Retina; Vibrissa **84** 181

Eye; Optic primordium; Retina; Neurohypophysis; Rathke's pouch; Hypothalamus; *Sine oculis*; *Optix*; Mouse; Mammal **84** 31

Eye; Paired-class homeobox gene; *Rx*; Retina; Cone photoreceptors; Inner nuclear layer; Germinal zone; Hypothalamus; Development; Zebrafish **84** 195

Eye; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Limb **84** 133

Eye; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

FGF-8; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

fgf8; Spinal cord; Hindbrain; Hox genes; Chick; Homeobox; Transplantation; Isthmus; Induction **84** 41

Floor plate; Autotaxin; In situ hybridization; Neural crest; Mesoderm differentiation; Osteogenesis; Chondrogenesis; Limb development; Tooth development; Joint formation **84** 121

Forebrain; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

G protein-coupled receptors; Endothelium; Embryogenesis; Vertebrate; Mouse **84** 199

Ganglia; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Hair; Skin; Limb bud; Cartilage **84** 147

GATA-2; Chick; Motor neuron; Hindbrain; Rhombomeres; Islet1/2 **84** 173

Gene expression; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Gene regulation; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Germ plasm; *Xenopus laevis*; Embryogenesis; RNA binding protein; Translational control; RNA localization; Differentiation **84** 75

Germinal zone; Paired-class homeobox gene; *Rx*; Eye; Retina; Cone photoreceptors; Inner nuclear layer; Hypothalamus; Development; Zebrafish **84** 195

Gonad; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Retina; Vibrissa **84** 181

Gonadogenesis; Cell migration; Sex determination; *Sry*; Mesonephros **84** 127

Gut; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Hair cell; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Hair cycle; Ornithine decarboxylase; Polyamines; Hair follicle; Placode; Outer root sheath; Vibrissa; K14; Histone H3; Proliferation; Ectoderm **84** 161

Hair follicle; Ornithine decarboxylase; Polyamines; Hair cycle; Placode; Outer root sheath; Vibrissa; K14; Histone H3; Proliferation; Ectoderm **84** 161

Hair; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Skin; Limb bud; Cartilage **84** 147

Heart; Angiotensin II receptor; Mesonephros; Allantois; Branchial arches; Expression pattern; Embryo; Chicken **84** 177

Hindbrain; GATA-2; Chick; Motor neuron; Rhombomeres; Islet1/2 **84** 173

Hindbrain; Spinal cord; Hox genes; Chick; Homeobox; Transplantation; Isthmus; Induction; *fgf8* **84** 41

Hippocampus; *tprd* gene; TPR motif; Down syndrome; Mouse embryogenesis; Nervous system development; Adult brain; Cerebral cortex; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

Histone H3; Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Placode; Outer root sheath; Vibrissa; K14; Proliferation; Ectoderm **84** 161

Homeobox; *Lbx2*; *Lbx1*; *ladybird*; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Retina; Vibrissa **84** 181

Homeobox; Spinal cord; Hindbrain; Hox genes; Chick; Transplantation; Isthmus; Induction; *fgf8* **84** 41

Hox genes; Spinal cord; Hindbrain; Chick; Homeobox; Transplantation; Isthmus; Induction; *fgf8* **84** 41

Hu; *elav*; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Hypothalamus; Optic primordium; Eye; Retina; Neurohypophysis; Rathke's pouch; *Sine oculis*; *Optix*; Mouse; Mammal **84** 31

Hypothalamus; Paired-class homeobox gene; *Rx*; Eye; Retina; Cone photoreceptors; Inner nuclear layer; Germinal zone; Development; Zebrafish **84** 195

In situ hybridization; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic

family; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

In situ hybridization; *tprd* gene; TPR motif; Down syndrome; Mouse embryogenesis; Nervous system development; Adult brain; Hippocampus; Cerebral cortex; Cerebellum; Olfactory bulb **84** 189

In situ hybridization; Autotaxin; Neural crest; Mesoderm differentiation; Osteogenesis; Chondrogenesis; Floor plate; Limb development; Tooth development; Joint formation **84** 121

In situ hybridization; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; Patterning; DIG-labeled probe; Mouse **84** 143

In situ hybridization; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; Electrophoretic mobility shift assay **84** 55

Induction; Spinal cord; Hindbrain; Hox genes; Chick; Homeobox; Transplantation; Isthmus; *fgf8* **84** 41

Inner ear; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Inner nuclear layer; Paired-class homeobox gene; *Rx*; Eye; Retina; Cone photoreceptors; Germinal zone; Hypothalamus; Development; Zebrafish **84** 195

Islet1/2; GATA-2; Chick; Motor neuron; Hindbrain; Rhombomeres **84** 173

Isthmic organizer; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Isthmus; Spinal cord; Hindbrain; Hox genes; Chick; Homeobox; Transplantation; Induction; *fgf8* **84** 41

Jagged1; Notch signalling; Mouse; *Serrate1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Joint formation; Autotaxin; In situ hybridization; Neural crest; Mesoderm differentiation; Osteogenesis; Chondrogenesis; Floor plate; Limb development; Tooth development **84** 121

K14; Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Placode; Outer root sheath; Vibrissa; Histone H3; Proliferation; Ectoderm **84** 161

Kidney; *cdh-16*; ksp-cadherin; Cell adhesion; Epithelium; Lung; Wolffian duct; Müllerian duct **84** 185

Kidney; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Adrenal gland; Central nervous system; Brain; Eye; Retina; Vibrissa **84** 181

Kidney; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

ksp-cadherin; *cdh-16*; Cell adhesion; Epithelium; Kidney; Lung; Wolffian duct; Müllerian duct **84** 185

LacZ reporter gene; Notch signalling; Delta1; Mouse; Development; Expression pattern **84** 165

lacZ; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

ladybird; *Lbx2*; *Lbx1*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Retina; Vibrissa **84** 181

Lbx1; *Lbx2*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Retina; Vibrissa **84** 181

Lbx2; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Retina; Vibrissa **84** 181

Limb bud; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Cartilage **84** 147

Limb buds; Mouse embryogenesis; Odd-skipped; Zinc finger; Transcription factor; Pair rule gene; Branchial arches; Mesoderm **84** 157

Limb development; Autotaxin; In situ hybridization; Neural crest; Mesoderm differentiation; Osteogenesis; Chondrogenesis; Floor plate; Tooth development; Joint formation **84** 121

Limb; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye **84** 133

Lung; *cdh-16*; ksp-cadherin; Cell adhesion; Epithelium; Kidney; Wolffian duct; Müllerian duct **84** 185

Lung; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Müllerian duct; *cdh-16*; ksp-cadherin; Cell adhesion; Epithelium; Kidney; Lung; Wolffian duct **84** 185

Macrophage migration inhibitory factor; Cytokine; Embryogenesis **84** 153

Macula; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Crista; Endolymphatic sac **84** 169

Mammal; Optic primordium; Eye; Retina; Neurohypophysis; Rathke's pouch; Hypothalamus; *Sine oculis*; *Optix*; Mouse **84** 31

Maternal RNA; Translational control; Polyadenylation; Deadenylation; Nuclear lamin; *Xenopus* **84** 89

Mesencephalon; Mouse; Nervous system; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Mesoderm differentiation; Autotaxin; In situ hybridization; Neural crest; Osteogenesis; Chondrogenesis; Floor plate; Limb development; Tooth development; Joint formation **84** 121

Mesoderm; Dorsal; Twist; TFIID; TBP-associated-factors; Transcriptional activation **84** 3

Mesoderm; Mouse embryogenesis; Odd-skipped; Zinc finger; Transcription factor; Pair rule gene; Branchial arches; Limb buds **84** 157

Mesonephros; Angiotensin II receptor; Allantois; Heart; Branchial arches; Expression pattern; Embryo; Chicken **84** 177

Mesonephros; Cell migration; Gonadogenesis; Sex determination; *Sry* **84** 127

Met-/mesencephalic junction; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Metencephalon; Mouse; Nervous system; Mesencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Microtubules; Adenomatous polyposis coli; Cortical actin caps; Blastoderm embryo; *Drosophila* **84** 69

Motor neuron; GATA-2; Chick; Hindbrain; Rhombomeres; Islet1/2 **84** 173

Mouse embryo; Retinoic acid; *Wnt-3a*; Apoptosis; Tail bud; Neural tissue **84** 17

Mouse embryo; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

Mouse embryogenesis; *tprd* gene; TPR motif; Down syndrome; Nervous system development; Adult brain; Hippocampus; Cerebral cortex; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

Mouse embryogenesis; Odd-skipped; Zinc finger; Transcription factor; Pair rule gene; Branchial arches; Limb buds; Mesoderm **84** 157

Mouse embryogenesis; TSC-22; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Mouse; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe **84** 143

Mouse; G protein-coupled receptors; Endothelium; Embryogenesis; Vertebrate **84** 199

Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Mouse; Notch signalling; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Mouse; Notch signalling; Delta1; Development; Expression pattern; LacZ reporter gene **84** 165

Mouse; Optic primordium; Eye; Retina; Neurohypophysis; Rathke's pouch; Hypothalamus; *Sine oculis*; *Optix*; Mammal **84** 31

Mullerian duct; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Multigenic family; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Nervous system development; *tprd* gene; TPR motif; Down syndrome; Mouse embryogenesis; Adult brain; Hippocampus; Cerebral cortex; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

Nervous system; Mouse; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1;

Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Neural crest; Autotaxin; In situ hybridization; Mesoderm differentiation; Osteogenesis; Chondrogenesis; Floor plate; Limb development; Tooth development; Joint formation **84** 121

Neural tissue; Retinoic acid; *Wnt-3a*; Apoptosis; Tail bud; Mouse embryo **84** 17

Neural tube; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Neural tube; Mouse; Nervous system; Mesencephalon; Metencephalon; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Neurogenesis; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Neurogenesis; *Sox* genes; Chicken embryo; Organogenesis **84** 103

Neurogenesis; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Neurohypophysis; Optic primordium; Eye; Retina; Rathke's pouch; Hypothalamus; *Sine oculis*; *Optix*; Mouse; Mammal **84** 31

Neuron differentiation; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Neurula; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Notch signalling; Delta1; Mouse; Development; Expression pattern; LacZ reporter gene **84** 165

Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Nuclear lamin; Translational control; Polyadenylation; Deadenylation; Maternal RNA; *Xenopus* **84** 89

Oct-1; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Oct-2; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Oct-6; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Octamer site; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Odd-skipped; Mouse embryogenesis; Zinc finger; Transcription factor; Pair rule gene; Branchial arches; Limb buds; Mesoderm **84** 157

Olfactory bulb; *tprd* gene; TPR motif; Down syndrome; Mouse embryogenesis; Nervous system development; Adult brain; Hippocampus; Cerebral cortex; Cerebellum; In situ hybridization **84** 189

Olfactory placode; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode **84** 139

Optic primordium; Eye; Retina; Neurohypophysis; Rathke's pouch; Hypothalamus; *Sine oculis*; *Optix*; Mouse; Mammal **84** 31

Optix; Optic primordium; Eye; Retina; Neurohypophysis; Rathke's pouch; Hypothalamus; *Sine oculis*; Mouse; Mammal **84** 31

Organogenesis; *Sox* genes; Chicken embryo; Neurogenesis **84** 103

Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Placode; Outer root sheath; Vibrissa; K14; Histone H3; Proliferation; Ectoderm **84** 161

Orphan nuclear receptor; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Retinoic acid receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Osteogenesis; Autotaxin; In situ hybridization; Neural crest; Mesoderm differentiation; Chondrogenesis; Floor plate; Limb development; Tooth development; Joint formation **84** 121

Outer root sheath; Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Placode; Vibrissa; K14; Histone H3; Proliferation; Ectoderm **84** 161

Ovary; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Pair rule gene; Mouse embryogenesis; Odd-skipped; Zinc finger; Transcription factor; Branchial arches; Limb buds; Mesoderm **84** 157

Paired-class homeobox gene; *Rx*; Eye; Retina; Cone photoreceptors; Inner nuclear layer; Germinal zone; Hypothalamus; Development; Zebrafish **84** 195

Pancreas; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Parasagittal bands; Cerebellum; Development; Embryo; Postnatal; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Patterning; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Peripheral nervous system; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Pineal gland; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Placode; Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Outer root sheath; Vibrissa; K14; Histone H3; Proliferation; Ectoderm **84** 161

Polyadenylation; Translational control; Deadenylation; Nuclear lamin; Maternal RNA; *Xenopus* **84** 89

Polyamines; Ornithine decarboxylase; Hair follicle; Hair cycle; Placode; Outer root sheath; Vibrissa; K14; Histone H3; Proliferation; Ectoderm **84** 161

Postnatal; Cerebellum; Development; Embryo; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

POU transcription factor; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Primary neurons; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Trigeminal placode; Olfactory placode **84** 139

Proliferation; Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Placode; Outer root sheath; Vibrissa; K14; Histone H3; Ectoderm **84** 161

Promoter; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Protease inhibitor; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Protease Nexin-1; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Purkinje cell; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Retinoic acid receptor; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Rathke's pouch; Optic primordium; Eye; Retina; Neurohypophysis; Hypothalamus; *Sine oculis*; *Optix*; Mouse; Mammal **84** 31

Retina; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Vibrissa **84** 181

Retina; Optic primordium; Eye; Neurohypophysis; Rathke's pouch; Hypothalamus; *Sine oculis*; *Optix*; Mouse; Mammal **84** 31

Retina; Paired-class homeobox gene; *Rx*; Eye; Cone photoreceptors;

Inner nuclear layer; Germinal zone; Hypothalamus; Development; Zebrafish **84** 195

Retinoic acid receptor; Cerebellum; Development; Embryo; Postnatal; Parasagittal bands; COUP-TF2; Orphan nuclear receptor; Purkinje cell; En-2; Patterning; In situ hybridization; DIG-labeled probe; Mouse **84** 143

Retinoic acid; *Wnt-3a*; Apoptosis; Tail bud; Neural tissue; Mouse embryo **84** 17

Rhombomeres; GATA-2; Chick; Motor neuron; Hindbrain; Islet1/2 **84** 173

RNA binding protein; *Xenopus laevis*; Germ plasm; Embryogenesis; Translational control; RNA localization; Differentiation **84** 75

RNA localization; *Xenopus laevis*; Germ plasm; Embryogenesis; Translational control; RNA binding protein; Differentiation **84** 75

RNA-binding proteins; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

RRM; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Rx; Paired-class homeobox gene; Eye; Retina; Cone photoreceptors; Inner nuclear layer; Germinal zone; Hypothalamus; Development; Zebrafish **84** 195

Segmental border; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Sensory patch; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Serine protease; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Serrate1; Notch signalling; Mouse; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Supporting cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Sex determination; Cell migration; Gonadogenesis; *Sry*; Mesonephros **84** 127

Sine oculis; Optic primordium; Eye; Retina; Neurohypophysis; Rathke's pouch; Hypothalamus; *Optix*; Mouse; Mammal **84** 31

Skin; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Limb bud; Cartilage **84** 147

Sox genes; Chicken embryo; Neurogenesis; Organogenesis **84** 103

Spinal cord; Hindbrain; Hox genes; Chick; Homeobox; Transplantation; Isthmus; Induction; *fgf8* **84** 41

Sry; Cell migration; Gonadogenesis; Sex determination; Mesonephros **84** 127

Supporting cell; Notch signalling; Mouse; *Serrate1*; *Jagged1*; *Delta1*; Neurogenesis; Inner ear; Sensory patch; Hair cell; Cochlea; Macula; Crista; Endolymphatic sac **84** 169

Tail bud; Retinoic acid; *Wnt-3a*; Apoptosis; Neural tissue; Mouse embryo **84** 17

Tailbud; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

TBP-associated-factors; Mesoderm; Dorsal; Twist; TFIID; Transcriptional activation **84** 3

Tbr1; T-box genes; Eomesodermin; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

Tbr2; T-box genes; Eomesodermin; *Tbr1*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Telencephalon; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

Telencephalon; T-box genes; Eomesodermin; *Tbr1*; *Tbr2*; Mouse embryo; Chick embryo; Development; Expression pattern; Forebrain; Cerebral cortex; Cerebellum; Eye; Limb **84** 133

TFIID; Mesoderm; Dorsal; Twist; TBP-associated-factors; Transcriptional activation **84** 3

Tooth development; Autotaxin; In situ hybridization; Neural crest; Mesoderm differentiation; Osteogenesis; Chondrogenesis; Floor plate; Limb development; Joint formation **84** 121

Tooth; TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

tprd gene; TPR motif; Down syndrome; Mouse embryogenesis; Nervous system development; Adult brain; Hippocampus; Cerebral cortex; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

TPR motif; *tprd* gene; Down syndrome; Mouse embryogenesis; Nervous system development; Adult brain; Hippocampus; Cerebral cortex; Cerebellum; Olfactory bulb; In situ hybridization **84** 189

Transcription factor; Mouse embryogenesis; Odd-skipped; Zinc finger; Pair rule gene; Branchial arches; Limb buds; Mesoderm **84** 157

Transcriptional activation; Mesoderm; Dorsal; Twist; TFIID; TBP-associated-factors **84** 3

Transcriptional regulation; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Transfection; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transgenic mice; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Transgenic mice; Mouse; Nervous system; Mesencephalon; Metencephalon; Neural tube; Met-/mesencephalic junction; Isthmic organizer; Anterior posterior axis; Development; Segmental border; Gene expression; Expression pattern; Transcriptional regulation; Gene regulation; DNA sequence ocular motor nerve; POU transcription factor; Brn-1; Brn-2; Brn-4; Oct-1; Oct-2; Oct-6; FGF-8; Protease Nexin-1; Serine protease; lacZ; Protease inhibitor; Octamer site; Enhancer; Promoter; Transfection; In situ hybridization; Electrophoretic mobility shift assay **84** 55

Translational control; *Xenopus laevis*; Germ plasm; Embryogenesis; RNA binding protein; RNA localization; Differentiation **84** 75

Translational control; Polyadenylation; Deadenylation; Nuclear lamin; Maternal RNA; *Xenopus* **84** 89

Transplantation; Spinal cord; Hindbrain; Hox genes; Chick; Homeobox; Isthmus; Induction; *fgf8* **84** 41

Trigeminal placode; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Olfactory placode **84** 139

TSC-22; Mouse embryogenesis; Epithelial-mesenchymal interactions; Central nervous system; Eye; Tooth; Kidney; Lung; Pancreas; Ovary; Mullerian duct; Gut; Ganglia; Hair; Skin; Limb bud; Cartilage **84** 147

Twist; Mesoderm; Dorsal; TFIID; TBP-associated-factors; Transcriptional activation **84** 3

Urogenital ridge; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Retina; Vibrissa **84** 181

Vertebrate; G protein-coupled receptors; Endothelium; Embryogenesis; Mouse **84** 199

Vibrissa; *Lbx2*; *Lbx1*; *ladybird*; Homeobox; Urogenital ridge; Gonad; Kidney; Adrenal gland; Central nervous system; Brain; Eye; Retina **84** 181

Vibrissa; Ornithine decarboxylase; Polyamines; Hair follicle; Hair cycle; Placode; Outer root sheath; K14; Histone H3; Proliferation; Ectoderm **84** 161

Wnt-3a; Retinoic acid; Apoptosis; Tail bud; Neural tissue; Mouse embryo **84** 17

Wolffian duct; *cdh-16*; ksp-cadherin; Cell adhesion; Epithelium; Kidney; Lung; Müllerian duct **84** 185

Xel-1; *elav*; Hu; *elrB*; *elrC*; *elrD*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; *Xenopus*; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Xenopus; *elav*; Hu; *elrB*; *elrC*; *elrD*; *Xel-1*; Multigenic family; In situ hybridization; Central nervous system; Peripheral nervous system; RNA-binding proteins; RRM; Neural tube; Neurula; Tailbud; Brain; Pineal gland; Neuron differentiation; Neurogenesis; Primary neurons; Trigeminal placode; Olfactory placode **84** 139

Xenopus; Translational control; Polyadenylation; Deadenylation; Nuclear lamin; Maternal RNA **84** 89

Xenopus laevis; Germ plasm; Embryogenesis; RNA binding protein; Translational control; RNA localization; Differentiation **84** 75

Zebrafish; Paired-class homeobox gene; *Rx*; Eye; Retina; Cone photoreceptors; Inner nuclear layer; Germinal zone; Hypothalamus; Development **84** 195

Zinc finger; Mouse embryogenesis; Odd-skipped; Transcription factor; Pair rule gene; Branchial arches; Limb buds; Mesoderm **84** 157